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Total Number of Pages in This Submission

| Application Number | 10/630,689 | |
|------------------------|------------------|--|
| Filing Date | July 31, 2003 | |
| First Named Inventor | Michael Mania | |
| Art Unit | 3743 | |
| Examiner Name | Terrell McKinnon | |
| Attorney Docket Number | 15772.0003 | |

| ENCLOSURES (check all that apply) | | | | |
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| Fee Transmittal F | orm | ☐ Drawing(s) | After Allowance Communication to Group | |
| Fee Attached | ľ | Licensing-related Papers | Appeal Communication to Board of Appeals and Interferences | |
| Amendment / Rep | oly | Petition | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | |
| After Final | | Petition to Convert to a Provisional Application | Proprietary Information | |
| Affidavits/dec | laration(s) | Power of Attorney, Revocation Change of Correspondence Address | Status Letter | |
| Extension of Time | e Request | Terminal Disclaimer | Other Enclosure(s) (please identify below): | |
| Express Abandon | ment Request | Request for Refund CD, Number of CD(s) | | |
| ☐ Information Disclo | sure Statement | · | | |
| Certified Copy of Document(s) | Priority | Remarks | | |
| Response to Miss Incomplete Applic | | · · | | |
| Response to Parts under 3 1.52 or 1.53 | | | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | |
| Firm or Individual name | Swidler Berlin Shereff Friedman, LLP Robert C. Bertin, Reg. No. 41, 488 | | | |
| Signature | 11 12 | | | |
| Date | September 3, 2004 | 1 | | |
| CERTIFICATE OF MAILING | | | | |

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SEP 0 3 2004 SIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): MANIA, Michael J. et al.

Atty Ref: 15772.0003

Serial No.

: 10/630,689

Group Art Unit: 3743

Filed

: July 31, 2003

Examiner: MCKINNON, Terrell

For

: WRAP AROUND HEAT SINK APPARATUS AND METHOD

RESPONSE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the office action mailed on June 4, 2004, the applicants have prepared the remarks set forth below. Reconsideration of the pending claims is respectfully requested.

REMARKS

The applicants have carefully reviewed the office action mailed on June 4, 2004. In the Office action, the Examiner rejected claims 1-4, 13-15, 17-20, 22, 23 and 25 under 35 U.S.C. §102 over U.S. Patent No. 4,552,206 to Johnson et al. ("Johnson"). The Examiner indicates that "Johnson discloses self-fastened heat sinks comprising all of the applicant's claimed and disclosed limitations." The applicants respectfully disagree. While Johnson does disclose a heat sink, Johnson does not teach or suggest "a mounting plate having ... at least one hole through which to pass a lead of a component" as claimed in independent apparatus claim 1. Similarly, Johnson does not teach or suggest "the mounting plate having ... at least one hole" and "mounting the leads of the component to the substrate through the at least one hole" as claimed in independent method claim 17. Rather, the heat sink of Johnson wraps part of the way around